PROCEEDINGS OF THE PREBID MEETING HELD ON 28.02.2024 AT 3.00 PM IN OFFICE OF CHIEF ENGINEER & CHIEF GENERAL MANAGER (Tech) BSWML FOR THE BIDS INVITED THROUGH NOTIFICATION NO:CE&CGM (TECH)/BSWML/TEND/08/2023-24 DATED: 22.02.2024.

OFFICER'S PRESENT:

1	Chief Engineer& Chief General Manager (Tech) BSWML		Sri Basavaraj R Kabade
2	Deputy General Manager-1 BSWML		Sri. Chandrashekar A G
3	Deputy General Manager-2 BSWML		Sri. Madhu R
4	Technical Assistant to CE & CGM (Tech)		Smt Chitra J
5	Assistant General Manager, BSWML		Sri. Santhosh Kaddi
6	Assistant Engineer BSWML		Sri. Manoharan K

AGENCIES PRESENT:

1	Representative From M/s MSGP Infra Tech Pvt. Ltd.
2	Representative From M/s Tide Technocrats Pvt. Ltd.
3	Representative From M/s Monish Associates
4	Representative From M/s TPS, Sri. Mahadev Bhatt
5	Representative From M/s NPR Infratech
6	Representative From M/s Cleantech
7	Representative From M/s Pro Earth Tech Engineers
8	Representative From M/s Annapoorneshwari Associates
9	Representative From M/s Antony Motors Pvt Ltd
10	Representative From M/s Om Sai Ventures
11	Representative From M/s Parishudh Ventures
12	Representative From M/s Saahas Zero Waste
13	Sri Farah Shariff HIPL
14	Sri Praveen K V
15	Sri S. N. Balasubramanyam
16	Sri S. Harikumar

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The Chief Engineer & Chief General Manager (Tech) BSWML welcomed all the officials and the representatives of the agencies/ firms for below works for which pre-Bid meeting was called. Representatives of various companies as above were present in the said pre bid meeting.

The queries/clarifications sought by the agencies with regard to bids invited, were received in writing/ e-mail & through KPP portal. The clarifications are issued according to the tenders invited as under: -

SUBJECT-1: "Turnkey, Lumpsum, Fixed Price, no variation Tender based on Tenderers Own Design for the work of Design, Construction, Supply, Installation and Commissioning of Transfer Stations having closed compaction system for handling minimum150 TPD of Municipal Solid Waste at Selected locations under BBMP Jurisdiction (Call-2)".

Sl. No	Tender Doc Ref	Query Raised	Clarifications/Amendments issued
	1. M/s. Varshini Enterprises		
1	Page No. 29, Sl. No. 2, Technical Criteria The Manufacturer/ Authorized supplier/ Dealer as a prime contractor should have satisfactorily supplied, delivered, tested and commissioned minimum of 5 nos., similar type closed compaction system (Transfer station stationary compactor) with 2 container changeover mechanism, 17 nos., hook loader with chassis and 36 nos., containers of minimum 16 cum capacity to any Government departments/ ULB/ PSU in India in any one of the last 5 financial years (2018-19 to 2022-2023).	The Volume of the container varies from 16 cum – 20 cum depending upon the customers requirement and GVW of the Truck Chassis. Earlier the GVW of the Truck Chassis was 25 ton and accordingly the container capacity was 16 cum as per customers requirement. We may therefore request you to change the experience criteria to include 16 cum container. The above clause may be amended as under: The Manufacturer/ Authorized supplier/ Dealer as a prime contractor should have satisfactorily supplied, delivered, tested and commissioned minimum of	Tender conditions prevails.

		5 nos., similar type closed compaction system (Transfer station stationary compactor) with 2 container changeover mechanism, 17 nos., hook loader with chassis and 36 nos., containers of minimum 16 cum capacity to any Government departments/ ULB/ PSU in India in any one of the last 5 financial years (2018-19 to 2022-2023).	
2	Page No. 29 Sl No. 4 Technical Criteria The similar type closed compaction system transfer station consisting of 5 stationary compactors, 17 nos., hook loader with chassis and 36 nos. containers of 20 cum capacity should be working satisfactorily for minimum 2 years, supplied to any government departments/ ULB/ PSU in India in any one of the last 5 financial years (2018-19 to 2022-2023).	The above criteria is not reasonable and restrictive because the project executed/ completed during the last 3 year are automatically for working satisfactorily may be changed to minimum 18 months. Further as requested above the minimum container 5 capacity should be 16 cum. We may request you to please amend the subject clause as under: The similar type closed compaction system transfer station consisting of 5 stationary compactors, 17 nos., hook loader with chassis and 36 nos. containers of 20 cum capacity should be working satisfactorily for minimum 2 years, supplied to any government departments/ ULB/ PSU in India in any one of the last 5 financial	Tender conditions prevails.

		years (2018-19 to 2022-2023). The above changes will result is wider participation.	
3	As per the RFP the Employer will provide a Mobilisation advance of 5% on the Capital cost against Bank Guarantee (The advance payment will be paid to the contractor no later than 30 days after fulfillment of the above condition), we request you to change the Mobilization advance of 5% on the capital cost to 25% of the capital cost as the project involves equipment supply which is more than 80% of the capital cost. The mobilization advance of 15% is already provided in similar previously called tenders by BBMP.	Request to change mobilization advance to 15%.	Tender conditions prevails.
	2. <u>M/s. Hyva (India) Pvt. Ltd.</u>		
4	Advance payment & Security:	As per the RFP the Employer will provide a Mobilisation advance of 5% on the capital cost against Bank Guarantee (The advance payment will be paid to the contractor no later than 30 days after fulfilment of the above condition), we request you to change the mobilization advance of 5% on the capital cost 25% of the capital cost as the project	Tender conditions prevails.

		involves equipment supply which is more than 80% of the capital cost. The mobilization advance of 15% is already provided in similar previously called tenders by BBMP.	
5		In the RFP it is mentioned that if the successful bidders fails to deliver any or all of the Goods or perform the related services within the period specified in the contract, BSWML may without prejudice to all its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the contract price for each week or part thereof delay until actual delivery or performance. Similarly, If BSWML does not provide the necessary land for establishing the transfer station within the agreed-upon timeframe, or if the land is provided after the contract period has lapsed, or if work is halted due to legal disputes over land ownership and then resumes at a later date. We request you that the contractor must be compensated based on the prevailing SR rates/ market rates at that time for executing the contract.	It is a lumpsum turnkey, no variation fixed price tender. Hence tender condition prevails.

		We request you to kindly clarify the above queries and provide a minimum of 15 days time to submit the bid post issuance of Addendum/ Corrigendum.	No time extension.
	3. M/s. Antony Motors Pvt Ltd		
6	Technical Criteria Eligibility and Qualification Criteria: Point No. 2 The Manufacturer/ Authorized supplier/ Dealer should have satisfactorily supplied, delivered, tested and commissioned minimum of 5Nos. similar type Closed Compaction System (Transfer Station - Stationary Compactor), 17 Nos hook loader with Chassis and 36 Nos Containers of min.16 Cum capacity directly or indirectly to any Government departments/ ULB / PSU/ Private organisation in India in any two of last 5 financial years (2018-19 to 2022-2023)	We hereby request you to please make the experience criteria more open and flexible which shall enable more capable bidders to participate. Please consider experience of direct and indirect supply as the end user is ultimately the Govt. department only. Indirect includes supply to Private organisations who further supply to Govt. department/Municipal Corporations/ULB / PSU. The same is considered by you in Addendum of 1" called tender as attached. We further wish to apprise you that Container Changeover mechanism is an extra fitment and is an additional accessory of the stationary Compactor which can be supplied as per tender requirement, however adding it as a mandatory experience can be eliminated. We request you to please consider experience of	Tender conditions prevails. The experience of sub-contractor will be considered if the copy of the sub-contract agreement executed between the main contractor and sub-contractor for that particular work is approved by the respective Government department/ Municipal Corporations/ ULB / PSU is submitted and the corresponding work experience certificate shall have the following details: 1. Name of the Project. 2. Work Order No. and Date. 3. Contract Agreement No. and Date. 4. Date of commencement of work. 5. Actual date of completion of work. 6. Contract Value. 7. Scope of work carried

		Containers of min.16cum Capacity as the same was considered in previous tender. Request you to please revise the Eligibility and Qualification Criteria: Point no:2 as below The Manufacturer/ Authorized supplier/ Dealer should have satisfactorily supplied, delivered, tested and commissioned minimum of 5Nos. similar type Closed Compaction System (Transfer Station - Stationary Compactor), 17 Nos hook loader with Chassis and 36 Nos Containers of min.16 Cum capacity directly or indirectly to any Government departments/ ULB / PSU/ Private organisation in India in any two of last 5 financial years (2018-19 to 2022-2023)	out by the bidders and sub-contractor (in case of sub-contract). Tender condition prevails.
7	Technical Criteria Eligibility and Qualification Criteria: Point No. 3 The Manufacturer/ Authorized supplier/ Dealer should have supplied, delivered, tested and commissioned similar type Closed Compaction System (Transfer Station - Stationary Compactor) to	Please consider experience of direct and indirect supply as the end user is ultimately the Govt. department only. Indirect includes supply to Private organisations who further supply to Govt. department/ Municipal Corporations/ ULB / PSU. The same is considered by you in Addendum of 1st called tender as attached.	Reply at Sl. No. 6 holds good.

	handle minimum Two plant of capacity of equal or more than 120TPD or combined plant of capacity of equal or more than 360 TPD of MSW to any Government departments/ ULB/ PSU in India in any two of the last 5 financial years (2018-19 to 2022-2023).	Kindly accept copy of work order/ Purchase Order/ LOI / LOA as evidences/compliances along with Experience Certificate towards this point as considered for above eligibility criteria point. The Manufacturer/ Authorized supplier/ Dealer should have supplied, delivered, tested and commissioned similar type Closed Compaction System (Transfer Station - Stationary Compactor) to handle minimum Two plant of capacity of equal or more than 120TPD or combined plant (if Two plants) of capacity of equal or more than 360 TPD of MSW directly or indirectly to any Government departments/ ULB / PSU / Private Organisation in India in any two of last 5 financial years (2018-19 to 2022-2023)	For each eligible assignment bidder should furnish copy of work order/ purchase order/ LOI/ LOA and work completion certificate/ successful commissioning certificate issued by the competent authority not below the rank of an Executive Engineer or Equivalent. Tender condition prevails.
8	Technical Criteria Eligibility and Qualification Criteria: Point No:4 The similar type Closed Compaction System Transfer Station -	Please make the experience criteria more open and flexible which shall enable more capable bidders to participate. Please consider experience of direct and indirect	Reply at Sl. No. 6 holds good.

	Consisting of 5 Stationary Compactors, 17Nos hook loader with Chassis and 36 Nos Containers of 20 Cum capacity should be working satisfactorily for minimum 2 years, supplied to any Government departments/ULB / PSU in India in the last 5 financial years (2018-19 to 2022-2023).	supply as the end user is ultimately the Govt. department only. Indirect includes supply to Private organisations who further supply to Govt. department/Municipal Corporations/ULB / PSU. The same is considered by you in Addendum of 1st called tender as attached. We request you to please consider experience of Containers of min.16cum Capacity as the same was considered in previous tender. Please consider experience of satisfactory working of the similar type of equipment's for minimum 1 year instead of 2 years. You may please eliminate the quantity in experience. Request you to please revise the Eligibility and Qualification Criteria: Point no:4 as below The similar type Closed Compaction System Transfer Station Consisting of Stationary Compactors, hook loader with Chassis and Containers of min.16 Cum capacity should be working satisfactorily for minimum 1 year, supplied directly or indirectly to any Government departments/	Tender condition prevails.

		ULB / PSU / Private organisation in India in the last 5 financial years (2018-19 to 2022 -2023).	
9	Scope of Electric load Connection to be defined	Electric load connection until the Transfer station should be in the scope of corporation. Kindly confirm.	Refer Page no. 12 of the RFP.
10	GVW to be defined	GVW-6x2 or 6x4? Kindly confirm	The bidder shall make his own assessment and consider suitable 28 GVW vehicle.
11	Civil	Kindly mention Cost of Civil works as separate item in BOQ for better clarification. Any requirement of necessary licenses or approvals, etc. for the civil or electric works should be provided by the corporation.	Refer page no. 46 of RFP. Refer page no. 12 of RFP.
12	Location	Locations should be selected, finalised and declared at very early stage. However, after selection if there are any changes in the location then all the costs incurred by the contractor towards that location should be reimbursed.	Tender condition prevails.
13	Estimate Cost of Tender	We request the Corporation to kindly increase the budget of the tender considering the price hikes in Chassis due to new OBD2 norms.	The tender is Turnkey, Lump Sum, Fixed Price, No Variation Tender. The tenderer has to make his own assessment and bid accordingly.
	4. <u>M/s. MSGP INFRA TECH PVT LTD</u>		
14	TENDER	In this tender document,	The successful bidder will be

	NOTIFICATION	we are not able to locate information about the land for the proposed transfer station. We have already requested you to provide the information about the land, its location, the extent of area/ accessibility, and other details so that a proper bid with a proper estimation can be submitted, but BSWML had responded that the details will be provided only after awarding the project to successful bidder. But we wanted to request the office to provide before the tender submission so that bidder can assess and evaluate the land/ area with respect to cost estimation and implications attached to that land, since waste management is still need effectual acceptance by the public. This tender for the transfer station to transfer 540 tons of garbage should be reassessed by the Technical Guidance Committee and clarification to be provided, even after having a 6 processing site in and around BBMP limits for about 50 kms radius. Also, please provide NGT recommendations on establishing the transfer stations.	provided with the details of the locations before commencement of work. BSWML will provide land of minimum 2400 sqm/ 25000 sqft for establishing each transfer station. As recommended by NGT "Adequate numbers of Transfer stations are to be established with infrastructure at strategic locations in the city to ensure quantification of different types of waste". The successful bidder shall be intimated with the relevant information.

15	Calendar of Events	The tender published date is 24.02.2024 in the KPP Portal and last date of tender queries submission is 28.02.2024 followed by 04.03.2024 which is shortage of adequate time for bidder to assess the project. We request you to extend the pre bid meeting date and tender closing date by a minimum of 45 Days to assess the technical and financial aspects of the tender.	Tender condition prevails.
16	2. Technical Criteria Cluase 1	Competent bidders with overall experience in the field of municipal waste management should be allowed to bid and compete and be provided with an opportunity to serve the vision of BBMP/ BSWML in cleaning the city. Since any bidder with MSW experience can procure the transfer station machineries with AMC's and operate the station effectively and efficiently. Also, request you to consider the operation and maintenance of the transfer station rather than only the construction and commissioning of transfer stations. Eligibility criteria should involve that the bidder have experience in setting	Tender condition prevails.

●		up of facility and processing a minimum of 450 TPD municipal solid waste (equivalent to 3 transfer stations)	
	5. <u>M/s. Kam Avida Enviro Engineers Pvt. Ltd.</u>		
17	Technical Specification of Hook Loader – Scope of Bid Page no. 11 of 86	This is a load bearing components of the tender, and It required to lift and unload 25 TONS of waste during experienced each cycle. Documentary evidence of past satisfactory past performance of a minimum 200 Nos must be made mandatory in India, as the Hook Loader not only needs to comply with RTO Norms but also international safety standards Further the rating of the Hook Loader must be certified by an international agency failing which BBMP runs the risk of deploying of under rated hook loader	Tender condition prevails.
18	Technical Specification of Static Compactor with Tip Cart, Scope of Bid, page no. 11 of 86:	This is indeed the heart of the entire Refuse transfer station and its compaction force being the fundamental principle upon which the premise of further reduction of transportation cost is based upon.	Tender condition prevails.

		It may be prudent for BBMP to demand a user list of more than 200 installations both in India and worldwide so as to ensure there is no compromise in the main mechanical component of the entire RTS.	
19	Technical Criteria, Eligibility and Qualification Criteria Page no. 28 of 86:	The container change over system is unique design and not necessary the best option, as this design demands extensive maintenance of the hydraulic change over mechanism and extensive cleaning of the track due to accumulation of spillage in the step like arrangement. Technology now enables the use of Hook Loader to directly attach and de-attach the empty/ full container respectively. It is therefore recommended its two container change over system be made optional. Last but not the least can you kindly include in the experience criteria supplies made by an original equipment manufacturer to an "Authorized Supplier) Dealer* as allowed in this tender also. This has been the practice for over decades now as most tenders demands OSM	The tender is Turnkey, Lump Sum, Fixed Price, No Variation Tender based on tenderers own design. Hence, the bidder shall provide the efficient mechanism for container changeover and ensure no spillage of waste. Tender condition prevails.

●		from the bidder and expect the best equipment to be supplied. Also to meet this criteria, we would like you to accept a ten-years term rather than a five-year. I.e (2013-14 to 2022-23)	
20	Technical Criteria, Eligibility and Qualification Criteria page no. 28 of 86:	Can you kindly include in the experience criteria supplies made by an original equipment manufacturer to an "Authorized Supplier/ Dealer" as allowed in this tender also. This has been the practice for over decades now as most tenders demands O&M from the bidder and expect the best equipment to be supplied. Also to meet this criteria, we would like you to accept a ten-years term rather than a five-year. i. e. (2013-14 to 2022-23)	Tender condition prevails.
21	Technical Criteria, Eligibility and Qualification Criteria page no. 28 of 86:	Can you kindly include in the experience criteria supplies made by an original equipment manufacturer to an "Authorized Supplier/ Dealer" as r allowed in this tender also. This has been the practice for over decades now as most tenders demands O&M from the bidder and expect the best equipment to be supplied. Also to meet this criteria, we would like you to	Tender condition prevails.

		accept a ten-years term rather than a five-year. i. e. (2013-14 to 2022-23)	
	6. Query raised in KPP Portal		
22	RFP Page NO.12 Scope of Bid Electricity	Electric load connection until the Transfer station should be in the scope of corporation Kindly confirm	Reply at Sl. No. 9 holds good.
23	RFP Page NO.27 Eligibility and Qualification Criteria Point no 2	Please consider experience of direct and indirect supply as the end user is ultimately the Govt Dept only Indirect include supply to private organization who further supply to Govt dept / Municipal corporation / ULB / PSU the same is considered by you in addendum of first called tender	Reply at Sl. No. 6 holds good.
24	RFP Page NO.27 Eligibility and Qualification Criteria Point no 2	We further wish to apprise you that Container Changeover mechanism is an extra fitment and is an additional accessory of the stationary Compactor which can be supplied as per tender requirement however adding it as a mandatory experience can be eliminated	Reply at Sl. No. 18 holds good.
25	RFP Page NO.27 Eligibility and Qualification Criteria Point no 2	We request you to please consider experience of Containers of min 16cum Capacity as the same was considered in previous tender	Reply at Sl. No. 6 holds good.
26	RFP Page NO.28 Eligibility and Qualification Criteria Point no 3	Please consider experience of direct and indirect supply as the end user is ultimately the Govt Dept only Indirect include	Reply at Sl. No. 6 holds good.

		supply to private organization who further supply to Govt dept / Municipal corporation / ULB / PSU the same is considered by you in addendum of first called tender Kindly accept copy of work order/ Purchase Order/ LOI / LOA as evidences/compliances along with Experience Certificate towards this point as considered for above eligibility criteria point	
27	RFP Page NO.28 Eligibility and Qualification Criteria Point no 4	Please consider experience of direct and indirect supply as the end user is ultimately the Govt Dept only Indirect include supply to private organization who further supply to Govt dept / Municipal corporation / ULB / PSU the same is considered by you in addendum of first called tender Please consider experience of satisfactory working of the similar type of equipment's for minimum 1 year instead of 2 years You may please eliminate the quantity in exp pls consider exp of Containers of min 16cum	Reply at Sl. No. 6 holds good.
28	RFP Page NO.3 Short Term Bid Notification	We request the Corporation to kindly increase the budget of the tender considering the price hikes in Chassis due to new OBD2 norms	Reply at Sl. No. 13 holds good.

29	RFP Page NO.42 TECHNICAL SPECIFICATION OF TRUCK CHASSIS	GVW - 6x2 or 6x4? kindly confirm	Reply at Sl. No. 10 holds good.

All the bidders are requested to participate in the bidding process and further the bidders are instructed to note the above clarifications/amendments issued and to kindly note that the last date of submission is up to 06.03.2024 at 16:00 hours.

Chief Engineer &
Chief General Manager (Tech)
BSWML